

# ECS5512FP Specifications

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## Technical Specifications

### Port Standards

802.3 10Base-T Ethernet  
802.3u 100Base-TX Ethernet  
802.3ab 1000Base-T Ethernet  
802.3x Full-Duplex Flow Control

### Network Ports

8 x 100/1000/2500/5000/10000 Mbps Ports + 4x SFP+ Ports

### Switching Capacity

240Gbps

### SDRAM

512MB

### Flash Memory

128MB

### Total PoE Budget

420w

### Power Source

100 ~ 240VAC, 50/60Hz

## Physical Interface

### LED Indicators

Power LED  
Fault LED  
PoE Max LED  
LAN Mode LED  
PoE Mode LED

### Ports

Link/Activity/Speed (per Ethernet port)  
Link/Activity/Speed (per SFP slot)

## Software Features

### L3 Feature

#### Multiple IP Interface

20 IPv6 address

#### ARP Table

Max. 192 ARP entries

#### Static ARP

Static 192 ARP entries

#### IPv4 Static Route

Max. 63 entries

#### IPv6 Static Route

Max. 21 entries

### L2 Feature

#### Network Management

EnGenius Cloud  
ezMaster/SkyKey  
Local Web GUI

#### MAC Address Table

32K

#### Jumbo Frame

9K

#### Multicast Group

Max 256 groups

#### Bandwidth Control

Port-based bandwidth control  
(Ingress/Egress)

#### Port Security

Max. 256 Entries

#### Access Control List (ACL)

MAC Based ACL  
IPv4/IPv6 Based ACL  
ACL Binding  
Time base ACL

#### Web Graphical User Interface

#### Common L2 Features

802.1d Spanning tree  
Loopback Detection  
Multicast Filtering  
IGMP Multicast Forwarding  
IGMP Snooping  
MLD Multicast Forwarding  
802.1Q VLAN tagging  
802.3x flow control  
802.3ad Link Aggregation  
IPv4 DHCP Relay  
IPv4 DHCP Snooping  
IPv4 DHCP Snooping Source MAC  
Address Check-up  
ARP Inspection

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### MLD Snooping

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MLD Snooping: v1

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### QoS-Number of Priority Queues Supported

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Queue 8

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### Trust Mode

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Cos/802.1p

DSCP

CoS/802.1p-DSCP

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### Scheduling Mechanism

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Strict / WRR/ Strict + WRR

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### (GUI)

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HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

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### SSL Certificate

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Certificate/Key Import

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### SNMP

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SNMP v1/v2c/v3 Support

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### RMON

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RMON 1,2,3,9

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### System Time

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Time Setting/Daylight saving

ARP Packet Validation (additional validation checks)

Voice VLAN

Port-based VLAN

Protocol-Based VLAN

CoS Mapping

802.1X Radius Authentication Protocol

IEEE 802.3az Energy Efficient Ethernet (EEE)

Command Line Interface (CLI)

SSH Server

Telnet Server

TFTP Client

Configuration Upgrade/ Backup

Simple Network Time Protocol (SNTP)

SYSLOG

802.1d Spanning tree

## Environmental & Physical

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### Temperature Range

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Operating: 32°F to 122°F (0°C to 50°C)

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### Humidity (Non-Condensing)

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Operating: 5% - 95%

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### Package Contents

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1x ECS Managed Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

## Device Dimensions & Weight

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### Device Dimensions & Weights

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Weight: 3.1Kg

Width: 230mm

Length: 330mm

Height: 44mm

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### Warranty

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2 year